

CaaMTech close to winning patent to combine weed and psychedelics

The Washington State-based biotech startup's application covers a range of cannabinoids and psilocybin compounds

VANCOUVER , BC, CANADA, February 11, 2021 /EINPresswire.com/ -- The first company to combine psychedelic and cannabinoid derivatives for mental health treatments is in the final step of receiving a patent that would cover a range of drug combinations.

On Wednesday, Washington State-based [CaaMTech](#) said its patent application for “compositions and methods comprising a psilocybin derivative” has been granted allowance by the U.S. Patent and Trademark Office.

The patent covers a whole range of cannabinoids including THC and CBD, mixed with a wide array of chemicals linked to psilocybin found in certain species of mushrooms.

CaaMTech applied for its first patent in 2017 for engineering novel cannabinoid and psychedelic compounds, and has since filed a hundred more patents related to similar lab work.

At the U.S. patent office, allowance is the final hurdle of examination before a patent is issued.

“The allowance of our first patent application has given a shot of energy to the team that has worked diligently over these past four years to bring it to the finish line,” CaaMTech CEO Andrew Chadeayne said in a statement.

The drug discovery firm says its research has shown that cannabinoids work in synergy with psychedelics to activate serotonin receptors, which is a key aspect in treating various conditions including depression, anxiety and PTSD.

“This is essentially the idea of the entourage effect in cannabis applied to psychedelics,” CaaMTech spokesperson Davis Wuolle says. “It’s a really big idea, and the implications are huge.”

Patent protection on the engineering methods and various drug combinations lays the foundation to proceed with clinical trials to develop and produce FDA-approved treatments with larger pharmaceutical companies, CaaMTech says.

A big challenge in clinical trials is getting a high enough dose for the drug to be efficacious, but not so high as to introduce unwanted side effects.

The company says its research shows that...

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